

IN THE SPECIFICATION:

The Applicant as per 37 CFR §1.121 (h)(1), amends the specification to include reference character 76. Therefore please delete the paragraph of the application beginning on page 13, line 18 and ending on page 14, line 8, and replace with the following:

Another unique feature of a number of embodiments of the present invention is represented in the schematic shown in FIG. 5. This unique feature is the ability of the sensor to measure both normal and shear forces at the same time. FIG. 5 is a schematic representation of the behavior of the electrically conductive elements 42 in the composite sheet material 40 of the present invention under both normal 66, 68 and/or lateral forces 70. Under a normal force 66, the matrix material 72 about the electrically conductive elements 42 in the composite sheet material 40 is compressed resulting in the electrically conductive elements in that region of the sensor being in contact, whereby contact is defined as electrically connected and not necessarily physically touching, with each other (those columns where the electrically conductive elements are in contact with each other being represented by the black columns of electrically conductive elements 74 in the schematic). The composite sheet material 76 under an additional normal force 68 results in additional columns 80 of electrically conductive elements coming into contact with each other as a result of the larger normal force 68 being translated across the composite sheet material 40. The composite sheet material 78 when under both a normal force and a shear force results in a shift, in the direction of the shear or lateral force, of the columns of electrically conductive elements, which come into contact with each other.